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|-------|------------------------------|---------|------------|------------------------|----------------------|--|--|--|
| | | | | Application Number | 10/764,335 | | | |
| 1) | NFORMATION DIS | CLC | SURE | Filing Date | January 22, 2004 | | | |
| S | TATEMENT BY A | PPL | CANT | First Named Inventor | Eran Steinberg | | | |
| | | - | | Art Unit | 2172 2624 | | | |
| | (Use as many shee | ts as i | necessary) | Examiner Name | Amara Abdi | | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 2100874-991420 | | | |

| | | | U.S. PATENT | DOCUMENTS | |
|-----------------------|--------------|---|---|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (If known)} | Publication Date . MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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FOREIGN PATENT DOCUMENTS

| Examiner | Cite | Foreign Patent Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages | TO |
|-----------|------|---|------------------|-----------------------------|---|----|
| Initials* | No.1 | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | or Relevant Figures Appear | ' |
| /A.A./ | | GB 2 370 438 A | 06-26-2002 | Hewlett Packard Company | | |
| /A.A./ | | JP5-260360 | 10-08-1993 | Topcon Corp. | | |
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| Examiner | | Date | 1010010007 |
|-----------|--------------|------------|------------|
| Signature | /Amara Abdi/ | Considered | 10/09/2007 |

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| 11 | NFORMATION DIS | CLO | SURE | Filing Date | January 22, 2004 | | |
| S | TATEMENT BY A | PPLI | CANT | First Named Inventor | Eran Steinberg | | |
| | | | | Art Unit | 2172 -2624 | | |
| | (Use as many shee | ts as r | necessary) | Examiner Name | Amara Abdi | | |
| Sheet | 2 | of | 2 | Attorney Docket Number | 2100874-991420 | | |

| | | NON PATENT LITERATURE DOCUMENTS | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|
| Examiner Initials* | magazine journal serial symposium catalog etc.) date page(s) volume-issue number(s) bublisher cit | | | | | | | |
| /A.A./ | | DAVID BEYMER, "Pose-Invariant face Recognition Using Real and Virtual Views", Massachusetts Institute of Technology Artificial Intelligence Laboratory, A.I. Technical Report No. 1574, March 1996, Chapter 7 (pages 119-143). | | | | | | |
| | | TONY S. JEBARA, "3D Pose Estimation and Normalization for Face Recognition", Department of Electrical Engineering, McGill University, May 1996, pages 1-124. | | | | | | |
| | | JUN ZHANG, et al., "Face Recognition: Eigenface, Elastic Matching, and Neural Nets", Proceedings of the IEEE, September 1997, Vol. 85, No. 9, pages 1423-1435. | | | | | | |
| | | MING-HSUANG YANG, et al., "Detecting Faces in Images: A Survey", IEEE Transactions on Pattern Analysis and Machine Intelligence, January 2002, Vol. 24, No. 1, pages 34-58. | | | | | | |
| /A.A./ | | AGAM SHAH, "CES: Digital Imaging Market Set to Explode, panel says", The Industry Standard, Internet article www.thestandard.com/article.php?story=20040108174644982, printed August 25, 2004, 2 pages | | | | | | |
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| Signature /Affiara Abdi/ Date 10/09/2007 Considered | Examiner Signature | /Amara Abdi/ | Date Considered | 10/09/2007 |
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Title of Invention

CLASSIFICATION DATABASE FOR COPNSUMER DIGITAL IMAGES

Application Number:

10/764335

Confirmation Number:

5763

First Named Applicant:

Eran Steinberg

Attorney Docket Number:

2100874-991420

Art Unit:

2172 2624

Examiner:

Search string:

Amara Abdi

(6564225 or 6567983 or RE31370 or RE33682 or 20020136433 or 20020106114

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| in | it | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|-----|-----|----------|------------|------------|-------------------|------|-------|----------|
| /A. | A./ | 1 | 6564225 | 2003-05-13 | Brogliatti et al. | B1 | 707 | 104.1 |
| П | | 2 | 6567983 | 2003-05-20 | Shiimori | B1 | 725 | 105 |
| N | | 3 | RE31370 | 1983-09-06 | Mashimo et al. | | 354 | 23 D |
| Α. | A./ | 4 | RE33682 | 1991-09-03 | Hiramatsu | | 358 | 227 |

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
|--------|----------|-------------|------------|------------|------|-------|----------|
| /A.A./ | 1 | 20020136433 | 2002-09-26 | Lin | A1 | 382 | 118 |
| /A.A./ | 2 | 20020106114 | 2002-08-08 | Yan et al. | A1 | 382 | 118 |

Remarks

Note: Remarks are not for responding to an office action.

Each item of information listed in the attached electronic FORM PTO-1449 may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application. This Information Disclosure Statement under 37 CFR 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art. If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this submission as a conditional petition for acceptance of the information disclosure statement. In the event any fee is required for filing the above-noted document, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of the attached document timely, the Assistant Commissioner is hereby authorized to charge the fee to our Deposit Account No. 07-1896.

Signature

| Examiner Name | Date |
|---------------|------------|
| /Amara Abdi/ | 10/09/2007 |

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Electronic Version v18

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Title of Invention

CLASSIFICATION DATABASE FOR CONSUMER DIGITAL IMAGES

Application Number:

10/764335

5763

Confirmation Number:

07 00

First Named Applicant:

Eran Steinberg 2100874-991420

Attorney Docket Number:

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Art Unit: Examiner: -21722624 Amara Abdi

Search string:

(4047187 or 4317991 or 4376027 or 4638364 or 5291234 or 5488429 or 5638136 or 5710833 or 5724456 or 5745668 or 5774129 or 5781650 or 5812193 or 5818975 or 5835616 or 5844573 or 5852823 or 5870138 or 5911139 or 5978519 or 5991456 or 6072904 or 6097470 or 6101271 or 6128397 or 6148092 or 6188777 or 6192149 or 6249315 or 6263113 or 6268939 or 6282317 or 6301370 or 6332033 or 6349373 or 6351556 or 6393148 or 6404900 or 6407777 or 6421468 or 6438264 or 6456732 or 6459436 or 6473199 or 6501857 or 6502107 or 6504942 or 6504951 or 6516154 or 6526161 or 20010028731 or 20010031142 or 20020105662 or 20020114535 or 20020168108 or 20020172419 or 20030025812 or 20030035573 or 20030048950 or 20030052991 or 20030059107 or 20030059121 or 20030084065 or

20030107649 or 20030118216).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|--------|----------|------------|------------|------------------|------|-------|----------|
| /A.A./ | 1 | 4047187 | 1977-09-06 | Mashimo et al. | | 354 | 23 D |
| | 2 | 4317991 | 1982-03-02 | Stauffer | | 250 | 201 |
| | 3 | 4376027 | 1983-03-08 | Smith et al. | , , | 204 | 195 R |
| | 4 | 4638364 | 1987-01-20 | Hiramatsu | | 358 | 227 |
| | 5 | 5291234 | 1994-03-01 | Shindo et al. | | 354 | 402 |
| | 6 | 5488429 | 1996-01-30 | Kojima et al. | | 348 | 653 |
| | 7 | 5638136 | 1997-06-10 | Kojima et al. | | 348 | 653 |
| | 8 | 5710833 | 1998-01-20 | Moghaddam et al. | | 382 | 228 |
| | 9 | 5724456 | 1998-03-03 | Boyack et al. | | 382 | 274 |
| | 10 | 5745668 | 1998-04-28 | Poggio et al. | | 395 | 175 |
| | 11 | 5774129 | 1998-06-30 | Poggio et al. | | 345 | 441 |
| | 12 | 5781650 | 1998-07-14 | Lobo et al. | | 382 | 118 |
| | 13 | 5812193 | 1998-09-22 | Tomitaka et al. | | 348 | 369 |
| [V] | 14 | 5818975 | 1998-10-06 | Goodwin et al. | | 382 | 274 |
| /A.A./ | 15 | 5835616 | 1998-11-10 | Lobo et al. | | 382 | 118 |

| /A.A./ | 16 | 5844573 | 1998-12-01 | Poggio et al. | | 345 | 441 |
|----------------|----|---------|------------|------------------|----|-----|-------|
| | 17 | 5852823 | 1998-12-22 | De Bonet | | 707 | 6 |
| | 18 | 5870138 | 1999-02-09 | Smith et al. | | 348 | 143 |
| | 19 | 5911139 | 1999-06-08 | Jain et al. | | 707 | 3 |
| | 20 | 5978519 | 1999-11-02 | Bollman et al. | | 382 | 282 |
| | 21 | 5991456 | 1999-11-23 | Rahman et al. | | 382 | 254 |
| | 22 | 6072904 | 2000-06-06 | Desai et al. | | 382 | 225 |
| | 23 | 6097470 | 2000-08-01 | Buhr et al. | | 355 | 38 |
| | 24 | 6101271 | 2000-08-08 | Yamashita et al. | | 382 | 167 |
| | 25 | 6128397 | 2000-10-03 | Baluja et al. | | 382 | 118 |
| | 26 | 6148092 | 2000-11-14 | Qian | | 382 | 118 |
| | 27 | 6188777 | 2001-02-13 | Darrell et al. | B1 | 382 | 103 |
| | 28 | 6192149 | 2001-02-20 | Eschbach et al. | B1 | 382 | 168 |
| | 29 | 6249315 | 2001-06-19 | Holm | B1 | 348 | 251 |
| | 30 | 6263113 | 2001-07-17 | Abdel-Mottaleb | B1 | 382 | 237 |
| Ш | | | | et al. | | | |
| | 31 | 6268939 | 2001-07-31 | Klassen et al. | B1 | 358 | 518 |
| Ш | 32 | 6282317 | 2001-08-28 | Luo et al. | B1 | 382 | 203 |
| | 33 | 6301370 | 2001-10-09 | Steffens et al. | B1 | 382 | 103 |
| Ш | 34 | 6332033 | 2001-12-18 | Qian | B1 | 382 | 124 |
| Ш | 35 | 6349373 | 2002-02-19 | Sitka et al. | B2 | 711 | 161 |
| | 36 | 6351556 | 2002-02-26 | Loui et al. | B1 | 382 | 164 |
| | 37 | 6393148 | 2002-05-21 | Bhaskar | B1 | 382 | 169 |
| Ш | 38 | 6404900 | 2002-06-11 | Qian et al. | B1 | 382 | 103 |
| | 39 | 6407777 | 2002-06-18 | DeLuca | B1 | 348 | 576 |
| | 40 | 6421468 | 2002-07-16 | Ratnakar et al. | B1 | 382 | 254 |
| | 41 | 6438264 | 2002-08-20 | Gallagher et al. | B1 | 382 | 167 |
| | 42 | 6456732 | 2002-09-24 | Kimbell et al. | B1 | 382 | 112 |
| | 43 | 6459436 | 2002-10-01 | Kumada et al. | B1 | 345 | 590 |
| Ш | 44 | 6473199 | 2002-10-29 | Gilman et al. | B1 | 358 | 1.9 |
| | 45 | 6501857 | 2002-12-31 | Gotsman et al. | B1 | 382 | 224 |
| | 46 | 6502107 | 2002-12-31 | Nishida | B1 | 707 | 104.1 |
| | 47 | 6504942 | 2003-01-07 | Hong et al. | B1 | 382 | 103 |
| | 48 | 6504951 | 2003-01-07 | Luo et al. | B1 | 382 | 165 |
| $[\mathbf{V}]$ | 49 | 6516154 | 2003-02-04 | Parulski et al. | B1 | 396 | 287 |
| /A.A./ | 50 | 6526161 | 2003-02-25 | Yan | B1 | 382 | 118 |

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| Tir | nit | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
|-----|------|----------|-------------|------------|---------------|------|-------|----------|
| A. | .A./ | 1 | 20010028731 | 2001-10-11 | Covell et al. | A1 | 382 | 118 |
| | | 2 | 20010031142 | 2001-10-18 | Whiteside | A1 | 396 | 61 |
| | | 3 | 20020105662 | 2002-08-08 | Patton et al. | A1 | 358 | 1.9 |
| A | | 4 | 20020114535 | 2002-08-22 | Luo | A1 | 382 | 282 |
| /Α. | .A./ | 5 | 20020168108 | 2002-11-14 | Loui et al. | A1 | 382 | 190 |

| /A.A./ | 6 | 20020172419 | 2002-11-21 | Lin et al. | A1 | 382 | 167 |
|---------|----|-------------|------------|-----------------|----|-----|-------|
| | 7 | 20030025812 | 2003-02-06 | Slatter | A1 | 348 | 240.2 |
| | 8 | 20030035573 | 2003-02-20 | Duta et al. | A1 | 382 | 128 |
| | 9 | 20030048950 | 2003-03-13 | Savakis et al. | A1 | 382 | 225 |
| | 10 | 20030052991 | 2003-03-20 | Stavely et al. | A1 | 348 | 370 |
| | 11 | 20030059107 | 2003-03-27 | Sün et al. | A1 | 382 | 165 |
| | 12 | 20030059121 | 2003-03-27 | Savakis et al. | A1 | 382 | 239 |
| \prod | 13 | 20030084065 | 2003-04-01 | Lin et al. | A1 | 707 | 104.1 |
| V | 14 | 20030107649 | 2003-06-12 | Flickner et al. | A1 | 348 | 150 |
| /A.A. | 15 | 20030118216 | 2003-06-26 | Goldberg | A1 | 382 | 115 |

Remarks

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Signature

| Examiner Name | Date |
|---------------|------------|
| /Amara Abdi/ | 10/09/2007 |